

ABSTRACT

The object of the present invention is to provide a particle board which is improved at its entirety in the resistance to water without impairing its performance as a bearing board member and provide a method of making the particle board.

A particle board of the invention having wooden materials coated with an adhesive of a thermosetting resin and pressurized with being heated, the particle board comprising:

a core layer and face layers provided on both, front and back, sides of the core layer, wherein the wooden materials of the face layer are smaller in the average particle diameter than the wooden material of the core layer; and

voids between the adjacent wooden materials in the face layer and the core layer are filled with resin particles of a thermoplastic resin by being pressurized with being heated.